

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ronald Weimer et al.

Serial No.: 09/296,835

Group Art Unit: 2813

Filed: April 22, 1999

Examiner: Not Yet Assigned

For: FABRICATION OF DRAM AND
OTHER SEMICONDUCTOR
DEVICES WITH AN INSULATING
FILM USING A WET RAPID
THERMAL OXIDATION
PROCESS

Assistant Commissioner for Patents
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)**

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment, a copy of which is attached hereto, hereby appoints the attorneys and agents of the firm of Dickstein, Shapiro, Morin & Oshinsky, listed as follows: Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Jeremy A. Cubert, 40,399; Laurence E. Fisher, 37,131; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Edwin Oh, P-45,319; Eric Oliver, 35,307; William E. Powell III, 39,803; Paul L. Ratcliffe, 45,290; Mark E. Strickland, 45,138 and Salvatore P. Tamburo, 45,153, and also attorneys of Micron Technology, Inc. as its

Serial No. 07/270,855

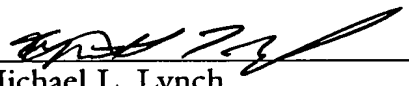
attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The Assignee certifies that the above-identified assignment has been reviewed and to the best of the Assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico
Dickstein Shapiro Morin & Oshinsky LLP
2101 L Street NW
Telephone: (202) 785-9700
Fax: (202) 887-0689

MICRON TECHNOLOGY,
INC.



Michael L. Lynch
Chief Patent Counsel
Registration No. 30,871

Dated: April 11, 2000

ASSIGNMENT

COPY

For valuable consideration, We, Ronald A. Weimer of 1696 E. Victory Road, Boise, Idaho 83706, Scott J. DeBoer of 259 E. Twin Willow, Boise, Idaho 83706, Dan Gealy of 4300 Junayo Ln, Kuna, Idaho 83634 and Husam N. Al-Shareef of 2856 W. Cherry Lane, Boise, Idaho 83704 hereby assign to Micron Technology, Inc., a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled

**FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH
AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS**

filed on April 22, 1999 and assigned U.S. Serial Number 09/296,835, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Boise ID

this 14 day of April, 1998^{1999 RW}

Ronald A. Weimer

L.S.

Ronald A. Weimer

STATE OF Idaho:

:ss.

COUNTY OF Ada:

Before me this 14th day of April, 1999, personally appeared Ronald A. Weimer, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Trish Homan-Haider
Notary Public

My Commission Expires: 3-26-03



IN WITNESS WHEREOF, I hereto set my hand and seal at Boise, Idaho,

this 15th day of April, 1999

Scott J. DeBoer

L.S.

STATE OF IDAHO

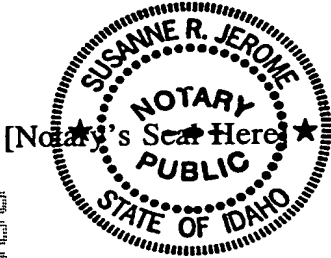
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COUNTY OF ADA

Before me this 15th day of April, 1999, personally appeared Scott J. DeBoer, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Susanne R. Jerome
Notary Public

My Commission Expires: 3/12/2002



IN WITNESS WHEREOF, I hereto set my hand and seal at Boise, IDAHO,

this 15th day of April, 1999

Dan Gealy

L.S.

STATE OF IDAHO

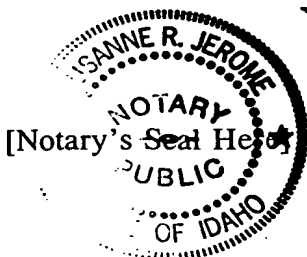
:ss.

COUNTY OF ADA

Before me this 15th day of April, 1999, personally appeared Dan Gealy, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Susanne R. Jerome
Notary Public

My Commission Expires: 3/12/2002



ASSIGNMENT

For valuable consideration, I, **Husam N. Al-Shareef** of **Muraijeb, Al-Ain, United Arab Emirates**, hereby assign to **Micron Technology, Inc.**, a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled

FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS

filed on April 22, 1999 and assigned U.S. Serial Number 09/296,835, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Al-Ain, United Arab Emirates,

this 17 day of May, 1999

Husam AlShareef L.S.
Husam N. Al-Shareef

Witness: Pe

Date: 5-17-99

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS, the specification of which

☒ is attached hereto.

☐ was filed on _____ as Application Serial No. _____
and was amended on _____.

☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Michael L. Lynch, Reg. No. 30,871; Lia M. Pappas, Reg. No. 34,095; W. Eric Webostad, Reg. No. 35,406; Charles B. Brantley II, Reg. No. 38,086; Samuel Borodach, Reg. No. 38,388; Victor Siber, Reg. No. 27149; Stephan J. Filipek, Reg. No. 33,384; John B. Pegram, Reg. No. 25,198; William J. Hone, Reg. No. 26,739; Frederick H. Rabin, Reg. No. 24,488; Richard P. Ferrara, Reg. No. 30,632; Gabriel P. Kralik, Reg. No. 34,855; Andrew T. D'Amico, Reg. No. 33,375; Andrew N. Parfomak, Reg. No. 32,431.

Address all telephone calls to Samuel Borodach at telephone number 212/765-5070.

Address all correspondence to Victor Siber, Fish & Richardson P.C., 45 Rockefeller Plaza, New York, NY 10111.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Ronald A. Weimer

Inventor's Signature: Ronald A. Weimer Date: 17 Apr. 1999

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Citizen of: U.S.A.

Post Office Address: 1696 E. Victory Road, Boise, Idaho 83706

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

Full Name of Inventor: Scott J. DeBoer

Date: 4/15/99

Inventor's Signature: [Signature]

Residence Address: 259 E. Twin Willow, Boise, Idaho 83706

Citizen of: U.S.A.

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Full Name of Inventor: Dan Gealy

Date: 4/15/99

Inventor's Signature: [Signature]

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Citizen of: U.S.A.

Post Office Address: 4300 Junayo Ln, Kuna, Idaho 83634

Full Name of Inventor: Husam N. Al-Shareef

Date: _____

Inventor's Signature: _____

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Citizen of: U.S.A.

Post Office Address: 2856 W. Cherry Lane, Boise, Idaho 83704

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COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

Full Name of Inventor: Scott J. DeBoer

Inventor's Signature: _____ Date: _____

Residence Address: 259 E. Twin Willow, Boise, Idaho 83706

Citizen of: U.S.A.

Post Office Address: 259 E. Twin Willow, Boise, Idaho 83706

Full Name of Inventor: Dan Gealy

Inventor's Signature: _____ Date: _____

Residence Address: 4300 Junavo Ln. Kuna, Idaho 83634

Citizen of: U.S.A.

Post Office Address: 4300 Junavo Ln. Kuna, Idaho 83634

Full Name of Inventor: Husam N. Al-Shareef

Inventor's Signature: Husam AlShareef Date: 5/17/99

Residence Address: Muraijeb, Al-Ain, United Arab Emirates

Citizen of: U.S.A.

Post Office Address: UAE University, Department of Physics, P.O.Box 17551, Al-Ain, United Arab Emirates